

AMENDMENTS TO THE CLAIMS

The claims in this listing will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A video data file ~~consolidating~~ integrating apparatus for ~~converting and consolidating~~ integrating original un-integrated video data files and original un-integrated management information data files associated therewith ~~before consolidation which are recorded in~~ having a data format of a an original un-integrated directory file structure ~~before consolidation~~ recorded in a first recording medium, into a data format of a different directory file structure ~~for to be recorded in~~ a second recording medium, said apparatus comprising:

a conversion ~~processing means for converting~~ processor that converts said original un-integrated management information files ~~before consolidation~~ and the original un-integrated video data files ~~before consolidation to said~~ into an integrated management information file ~~after consolidation~~ and an integrated video data file, respectively, after consolidation,

wherein said conversion ~~processing means~~ processor converts the original un-integrated directory file structure ~~information in units of the~~ corresponding to the first recording media medium ~~before consolidation to~~ into reproduction control information, which is used in reproducing said integrated video data file, in a data format of said integrated management information file ~~for after consolidation so as to be recorded at the time of consolidation. in the~~ second medium in the integrated management information file.

2. (Currently Amended) A video data file ~~consolidating~~ integrating apparatus for ~~converting and consolidating~~ integrating original un-integrated video data files and original un-integrated management information data files associated therewith ~~before consolidation which are recorded in~~ having a data format of a an original un-integrated directory file structure, ~~before consolidation,~~ into a data format of a different directory file structure, said apparatus comprising:

a first recording medium ~~for before consolidation for recording~~ that records said original un-integrated video data files ~~before consolidation~~ and the original un-integrated management information data files associated therewith;

a second recording medium ~~for after consolidation for recording~~ that records an integrated video data file ~~after consolidation~~ and an integrated management information data file associated therewith;

a first reading/writing ~~means for reading and writing~~ unit that reads and writes the original un-integrated video data ~~on~~ files and the original un-integrated management information files from and to said first recording medium; ~~for before consolidation;~~

a second reading/writing ~~means for reading and writing~~ unit that reads and writes the integrated video data file and the integrated management information file ~~on~~ from and to said second recording medium; ~~for after consolidation;~~ and

a ~~conversion control means for controlling~~ controller that controls conversion of the original un-integrated video data files and the original un-integrated management information files recorded in said first recording medium ~~for before consolidation to a~~ into an integrated data format ~~to be used in said~~ second recording medium, ~~for after consolidation, or controlling and controls inverse~~ conversion ~~inverse thereto, thereof.~~

wherein said conversion ~~control means~~ controller performs conversion processing of said original un-integrated management information files ~~before consolidation to~~ into said integrated management information file, ~~after consolidation,~~ and performs conversion processing of said original un-integrated video data files ~~before consolidation to~~ into said integrated video data file, ~~after consolidation,~~ and when ~~consolidating~~ integrating into said integrated management information file and said integrated video data file ~~after consolidation~~ to be recorded in the data format used in said second recording medium, ~~for after consolidation,~~ said conversion ~~control~~ means controller converts information relating to a the original un-integrated directory and file structure of a data group before the data conversion ~~to the~~ into reproduction control information, which is used in reproducing said integrated video data file and which is additionally recorded in and added to said integrated management information file, ~~after consolidation.~~

3. (Currently Amended) A video data file ~~consolidating~~ integrating method for integrating original video data files and original management information files associated therewith having a data format of an original un-integrated directory file structure recorded in a first medium into a data format of a different directory file structure to be recorded in a second recording medium, the method comprising:

converting the original un-integrated management information files and the original un-integrated video data files to an integrated management information file and an integrated video data file, respectively; and

converting the original un-integrated directory file structure corresponding to the first recording medium into reproduction control information, which is used in reproducing the

integrated video data file, in a data format of the integrated management information file so as to be recorded in the second medium in the integrated management information.

~~consolidating plural data groups consisting of at least one video data file and at least one management information file including information associated therewith in units of the data groups to create new video data file and management information file different from those of the data groups, wherein said plural data groups before consolidation are data groups recorded in a predetermined same data format and directory file structure, and the directory file structure information of the data groups before consolidation is converted to reproduction control information in the data format of the management information file after consolidation and is recorded in the management information file after consolidation.~~

4. (Currently Amended) The video data file ~~consolidating~~ integrating method according to claim 3, ~~wherein both or~~ further comprising:

converting at least one of file name information and directory name information of the video data file in files having the data format of the original un-integrated directory file structure ~~before consolidation is converted to~~ into text information in the data format of the integrated management information file ~~after consolidation~~ to be recorded.

5. (Currently Amended) The video data file ~~consolidating~~ integrating method according to claim 3, wherein the reproduction control information ~~has~~ includes identification information for identifying the reproduction control information, and the method further comprising:

~~changes~~ changing the identification information when the original un-integrated directory file structure information of the data groups before consolidation is converted to into the

reproduction control information in the data format of the integrated management information file, ~~after consolidation.~~

6. (Currently Amended) The video data file ~~consolidating~~ integrating method according to claim 5, wherein the identification information is text information provided to the reproduction control information.

7. (Currently Amended) The video data file ~~consolidating~~ integrating method according to claim 5, wherein the identification information is flag information provided to the reproduction control information.

8. (Currently Amended) ~~A consolidated~~ An integrated video data file reproducing apparatus for reproducing ~~a new~~ an integrated video data file ~~different from data groups created by consolidating plural data groups consisting of at least one integrating original video data file files and at least one original management information file files including information associated therewith in units of the data groups, wherein said plural data groups before consolidation are data groups recorded in a predetermined same data format and having a data format of an original un-integrated directory file structure, into the integrated video data file and an integrated management information file, respectively, and the original un-integrated directory file structure information of the data groups before consolidation is converted to into reproduction control information, which is used in reproducing said integrated video data file, in a data format of the integrated management information file, after consolidation to be recorded in the management information file after consolidation, and~~

wherein said apparatus reproduces said integrated video data file after consolidation is reproduced by utilizing the reproduction control information.

9. (Currently Amended) The ~~consolidated~~ integrated video data file reproducing apparatus according to claim 8, wherein ~~both or~~ at least one of file name information and directory name information of the original video data file in files having the data format of the original un-integrated directory file structure ~~before consolidation are~~ is converted into text information in the data format of the integrated management information file ~~after consolidation~~ and is recorded, and the recorded text information is reproduced.

10. (Currently Amended) ~~A consolidated~~ An integrated video data file reproducing method for reproducing ~~a new~~ an integrated video data file ~~different from data groups created by consolidating plural data groups consisting of at least one integrating original video data file files and at least one original management information file including information files associated therewith in units of the data groups, wherein said plural data groups before consolidation are data groups recorded in a predetermined same data format and having a data format of an original un-integrated directory file structure, into the integrated video data file and an integrated management information file, respectively, and the original un-integrated directory file structure information of the data groups before consolidation is converted to into reproduction control information, which used in reproducing the integrated video data file, in a data format of the integrated management information file, after consolidation to be recorded in said management information file after consolidation, and wherein the method comprising:~~

reproducing said the integrated video data file ~~after consolidation is reproduced~~ by utilizing the reproduction control information.

11. (Currently Amended) The ~~consolidated~~ integrated video data file reproducing method according to claim 10, wherein ~~both or~~ at least one of file name information and directory name information of the video data file in files having the data format of the original un-integrated directory file structure ~~before consolidation are~~ is converted to into text information in the data format of the integrated management information file ~~after consolidation~~ and is recorded, and the recorded text information is reproduced.